"SHEET 1 OF 4

FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.

500.42992X00

APPLICANT

N. KAWAMURA, et al

FILING DATE

July 29, 2003

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	2 0 0 4	0	0	9	8	4	2	5	5/04	Wiss et al	707	204	_	
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An		A. Bhide, "An Efficient Scheme for Providing High Availability", IBM TJ Watson Research Center, pp. 236-245, June 1992.												
Am		J. Gray et al, Transaction Processing: Concepts and Techniques", Morgan Kaufmann Publishers, 1993, pp. 556-557 and pp. 604-609.												
EXAMINER ARMY DATE CONSIDERED 01/03/05														

EXAMINER: Initial incitation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	O-1449 U.S. Department of	f Commerce	ATTY. DOCKET NO. SERIAL NO.								
Patent and	Trademark Office		500.42992X00		10/628 67						
	INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT N. KAWAMURA, et al								
	(Use several sheets if necessary)		FILING DATE July 29, 2003		GROUP 2165						
	U.:	S. PATENT	DOCUMENTS								
EXAMINER			NAME	CLASS	SUBCLASS	FILING IF APPRO	DATE				
AM	6,748,502	6-2004	WATANABE et al.	771	158	TF APPRO	PRIMIE				
	2003/0074600 A1	04-2003	TAMATSU	714	6	_					
	2002/0133507 A1	09-2002	HOLENSTEIN et al.	707	- 200	-					
	2004/0133591 A1	07-2004	HOLENSTEIN et al.	707	102		•				
	2002/0095547 A1	07-2002	WATANABE et al.	711	114	_					
	4,821,172	04-1989	KANEKO et al.	710	5	_					
	6,502,205	12-2002	YANAI et al.	714	7	_					
pu	6,643,795	11-2003	SICOLA et al.	714	6						
FOREIGN	PATENT DOCUMENTS	·			·						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	<u>r</u>				
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OTHER D	OCUMENTS (Including A										
An	Rahm, Performance Evaluation of Extended Storage Architectures for Transaction Processing, University of Kaiserslautern, Germany.										
	Veritas Volume Replicator, Enterprise-Class Disaster Recovery for Mission-Critical Environments, 1992.										
dr	R. VanNatta, "Crash Reco	R. VanNatta, "Crash Recovery" Database Management System, 2 <sup>nd</sup> Edition, pp. 1-26.									
EXAMINER	Azmi	DATE CONSI	DERED 01/0	3/05							
EXAMINER: considered.	Initial (ficitation is considered include copy of this form with	ed, draw line t ith next comm	hrough citation if not in unication to applicant.	confor	mance and	not	-				

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	INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT N. KAWAMURA, et al								
	(Use several sheets if necessary)		FILING DATE GROUP 2/65								
U.S. PATENT DOCUMENTS											
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE					
An	4,751,702	6/98	Beier, et al	714	1 13	_					
	5,758,355	5/98	Buchanan	707	- 201						
	6,173,292	1/01	Barber, et al	707	- 200	-					
M	5,640,561	6/97	Satoh, et al	707	202	-					
FOREIGN PATENT DOCUMENTS											
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	·				
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	INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT N. KAWAMURA, et al								
	(Use several sheets if necessary)		FILING DATE July 29, 2003		GROUP 2165						
U.S. PATENT DOCUMENTS											
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING D					
An	6,466,951	10/02	Birkler, et al	707	201	_					
	6,850,958	2/05	Wakabayashi	707	204	_					
	2002/0103815	8/02	Duvillier, et al	707	203						
An	2002/0107878	8/02	Tsuchida, et al	707		_					
FOREIGN PATENT DOCUMENTS											
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT					
						YES	NO				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)											
EXAMINER ADMIN DATE CONSIDERED 01/03/01											
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